


# Land Judging Scorecard

Oklahoma State University Extension

7.0005  
Rev. 8/03

Field #: _____		School: _____																			
<b>SOIL FACTORS - PART 1</b> Check appropriate square		<b>RECOMMENDED LAND TREATMENTS</b> <b>PART 2</b>																			
Score		Score																			
	<b>A. Texture</b> <table style="width: 100%;"> <tr> <td style="width: 10%;">Sur.</td> <td style="width: 10%;">Sub.</td> <td></td> </tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>1. Coarse</td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>2. Moderately Coarse</td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>3. Medium</td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>4. Moderately fine</td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>5. Fine</td></tr> </table>	Sur.	Sub.		<input type="checkbox"/>	<input type="checkbox"/>	1. Coarse	<input type="checkbox"/>	<input type="checkbox"/>	2. Moderately Coarse	<input type="checkbox"/>	<input type="checkbox"/>	3. Medium	<input type="checkbox"/>	<input type="checkbox"/>	4. Moderately fine	<input type="checkbox"/>	<input type="checkbox"/>	5. Fine		<b>A. Vegetative</b> <input type="checkbox"/> 1. Row crop/ occasional soil conserving crop <input type="checkbox"/> 2. Row crop/frequent soil conserving crop <input type="checkbox"/> 3. Row crops not more than 2 out of 4 years <input type="checkbox"/> 4. Row crops not more than 1 out of 5 years <input type="checkbox"/> 5. Return crop residue to the soil <input type="checkbox"/> 6. Practice conservation tillage <input type="checkbox"/> 7. Establish recommended grass or grasses and legumes <input type="checkbox"/> 8. Proper pasture and range management <input type="checkbox"/> 9. Protect from burning <input type="checkbox"/> 10. Control grazing <input type="checkbox"/> 11. Plant recommended trees <input type="checkbox"/> 12. Harvest trees selectively <input type="checkbox"/> 13. Use only for wildlife or recreational area
Sur.	Sub.																				
<input type="checkbox"/>	<input type="checkbox"/>	1. Coarse																			
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<input type="checkbox"/>	<input type="checkbox"/>	4. Moderately fine																			
<input type="checkbox"/>	<input type="checkbox"/>	5. Fine																			
	<b>B. Depth of Soil</b> <input type="checkbox"/> 1. Deep <input type="checkbox"/> 2. Moderately Deep <input type="checkbox"/> 3. Shallow <input type="checkbox"/> 4. Very shallow		<b>B. Mechanical</b> <input type="checkbox"/> 14. Control brush or trees <input type="checkbox"/> 15. Terrace and farm on contour <input type="checkbox"/> 16. Maintain terrace <input type="checkbox"/> 17. Construct diversion terraces <input type="checkbox"/> 18. Install drainage system <input type="checkbox"/> 19. Control gullies <input type="checkbox"/> 20. No mechanical treatment needed																		
	<b>C. Slope</b> <input type="checkbox"/> 1. Nearly level <input type="checkbox"/> 2. Gently sloping <input type="checkbox"/> 3. Moderately sloping <input type="checkbox"/> 4. Strongly sloping <input type="checkbox"/> 5. Steep <input type="checkbox"/> 6. Very steep																				
	<b>D. Erosion - Wind &amp; Water</b> <input type="checkbox"/> 1. None to slight <input type="checkbox"/> 2. Moderate <input type="checkbox"/> 3. Severe <input type="checkbox"/> 4. Very severe																				
<b>Interpretations of Soil Factors</b>																					
	<b>E. Permeability</b> <input type="checkbox"/> 1. Rapid <input type="checkbox"/> 2. Moderate <input type="checkbox"/> 3. Slow <input type="checkbox"/> 4. Very Slow		<b>C. Fertilizer &amp; Soil Amendments</b> <input type="checkbox"/> 21. Soil Amendments <input type="checkbox"/> 22. Phosphorus (P <sub>2</sub> O <sub>5</sub> ) <input type="checkbox"/> 23. Potassium (K) <input type="checkbox"/> 24. Nitrogen (N) <input type="checkbox"/> 25. Fertilizer or soil amendments not needed																		
	<b>F. Surface Runoff</b> <input type="checkbox"/> 1. Rapid <input type="checkbox"/> 2. Moderate <input type="checkbox"/> 3. Slow <input type="checkbox"/> 4. Very Slow																				
	<b>G. Major factors that keep area out of Class I</b> <table style="width: 100%;"> <tr><td><input type="checkbox"/> 1. Texture</td><td><input type="checkbox"/> 5. Permeability</td></tr> <tr><td><input type="checkbox"/> 2. Depth</td><td><input type="checkbox"/> 6. Runoff</td></tr> <tr><td><input type="checkbox"/> 3. Slope</td><td><input type="checkbox"/> 7. Wetness</td></tr> <tr><td><input type="checkbox"/> 4. Erosion</td><td><input type="checkbox"/> 8. Flooding</td></tr> <tr><td></td><td><input type="checkbox"/> 9. None</td></tr> </table>	<input type="checkbox"/> 1. Texture		<input type="checkbox"/> 5. Permeability	<input type="checkbox"/> 2. Depth	<input type="checkbox"/> 6. Runoff	<input type="checkbox"/> 3. Slope	<input type="checkbox"/> 7. Wetness	<input type="checkbox"/> 4. Erosion	<input type="checkbox"/> 8. Flooding		<input type="checkbox"/> 9. None									
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	<b>H. Land Capability Class</b> <table style="width: 100%;"> <tr><td><input type="checkbox"/> 1. Class I</td><td><input type="checkbox"/> 5. Class V</td></tr> <tr><td><input type="checkbox"/> 2. Class II</td><td><input type="checkbox"/> 6. Class VI</td></tr> <tr><td><input type="checkbox"/> 3. Class III</td><td><input type="checkbox"/> 7. Class VII</td></tr> <tr><td><input type="checkbox"/> 4. Class IV</td><td><input type="checkbox"/> 8. Class VIII</td></tr> </table>	<input type="checkbox"/> 1. Class I	<input type="checkbox"/> 5. Class V	<input type="checkbox"/> 2. Class II	<input type="checkbox"/> 6. Class VI	<input type="checkbox"/> 3. Class III	<input type="checkbox"/> 7. Class VII	<input type="checkbox"/> 4. Class IV	<input type="checkbox"/> 8. Class VIII												
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		Score Part I (Possible 45) _____ Score Part II (Possible 30) _____ Total Score (Possible 75) _____																			

Name \_\_\_\_\_  
School \_\_\_\_\_

Field No \_\_\_\_\_  
Organization \_\_\_\_\_



PART 1 Land Factor		PART 2 Planned Use - Family Dwelling Site Without Basement. Interpretations of Limitations in Terms of: (2 pts. Each)				
Score	Features of the site Being Considered (3 pts. Each)	Degree of Limitation	Foundations for Buildings	Lawns and Landscape	Septic System	Sewage Lagoon
A.	TEXTURE * SURFACE <input type="checkbox"/> Coarse <input type="checkbox"/> Mod. Coarse, Medium, Mod. Fine <input type="checkbox"/> Fine	Slight Moderate Severe	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
B.	PERMEABILITY <input type="checkbox"/> Very Slow <0.06"/hr <input type="checkbox"/> Slow 0.6"-0.6"/hr <input type="checkbox"/> Moderate 0.6" - 2.0"/hr <input type="checkbox"/> Rapid 2.0"/hr+	Slight Moderate Severe V. Severe		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
C.	DEPTH OF SOIL <input type="checkbox"/> V. Shallow <10" <input type="checkbox"/> Shallow 10-20" <input type="checkbox"/> Mod. Deep 20-40" <input type="checkbox"/> Deep 40 - 72" <input type="checkbox"/> V. Deep over 72"	Slight Moderate Severe V. Severe	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
D.	SLOPE <input type="checkbox"/> N.L. to Gentle 0-3% <input type="checkbox"/> Moderate 3-5% <input type="checkbox"/> Strong 5-8% <input type="checkbox"/> Steep 8-15% <input type="checkbox"/> V. Steep 15%+	Slight Moderate Severe	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
E.	EROSION <input type="checkbox"/> None - Slight - Moderate <input type="checkbox"/> Severe <input type="checkbox"/> Very Severe	Slight Moderate Severe	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
F.	SURFACE RUNOFF <input type="checkbox"/> Slow <input type="checkbox"/> Moderate <input type="checkbox"/> Rapid	Slight Moderate Severe	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
G.	SHRINKAGE - SWELL (heaviest layer) <input type="checkbox"/> Low <input type="checkbox"/> Moderate <input type="checkbox"/> High	Slight Moderate Severe	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
H.	WATER TABLE (permanent or temporary) <input type="checkbox"/> Deep >72" <input type="checkbox"/> Mod. Deep 40" - 72" <input type="checkbox"/> Shallow <40"	Slight Moderate Severe	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
I.	FLOODING <input type="checkbox"/> None <input type="checkbox"/> Occasional < 1 in 2 yrs <input type="checkbox"/> Frequent > 1 in 2 yrs	Slight Moderate Severe	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	FINAL EVALUATION All factors none to slight One or more factors mod. none severe One or more factors severe none V. Severe Very severe	Slight Moderate  Severe  V. Severe	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

SCORE PART 1 \_\_\_\_\_  
(Possible 27)

SCORE PART 2 \_\_\_\_\_  
18 18 18 16

PART 1 AND 2 - TOTAL SCORE: \_\_\_\_\_  
(Possible 97)